

## ABSTRACT OF THE DISCLOSURE

A silver halide emulsion comprising silver halide grains containing at least 90 mol% chloride, 0.02 to 5.0 mol% bromide and 0 to 2.0 mol% iodide, which is prepared by a process comprising (i) forming a silver halide grain emulsion, (ii) subjecting the silver halide emulsion to desalting and (iii) subjecting the desalted silver halide emulsion to chemical sensitization by adding a chemical sensitizer, wherein in the step (iii), at least one compound represented by the following formula (1) to (4) is added before adding a chemical sensitizer and at least one compound represented by the following formula (1) to (4) is further added after adding a chemical sensitizer.

formula (1)	$R-SO_2S-M$
formula (2)	$R_1-SO_2S-R_2$
formula (3)	$R_3-SO_2S-L_m-SSO_2-R_4$
formula (4)	$R_{11}-(S)_{m1}-R_{12}$